

GOVERNMENT OF ANDHRA PRADESH
ABSTRACT

MA&UD Department – Supply of potable water of 20 liters for Rs.2.00 to each household in the Slum areas / habitations of the Urban Local Bodies in the State under "**NTR Sujala Pathakam**" – Guidelines – Issued.

MUNICIPAL ADMINISTRATION AND URBAN DEVELOPMENT (C) DEPARTMENT

G.O.Ms.No.189

Dated:16.9.2014
Read the following:-

- 1.G.O.Rt.No.2426 General Administration (Cabinet) Department Dt.23.6.2014.
2. G.O.Rt.No:740, PR & RD (RWS.II) Department,Dt.25.06.2014.
3. G.O.Ms.No.127, PR & RD (RWS.II) Department,Dt.30.08.2014.
4. From the Commissioner & Director of Municipal Administration, GoAP, Hyderabad, Lr.Roc.No.11783/2014/M3, Dt.05.09.2014

ORDER:

Government have taken a policy decision, with a view to reduce the incidence of water borne diseases, in the slum / habitations areas of the Urban Local Bodies in the State, by providing potable water of 20 ltrs for Rs.2.00 to each household in the Urban Slum / Habitations areas under the banner of "**NTR Sujala Pathakam**".

2. In the G.O.1st read above, Government have constituted Group of Ministers to finalize the modalities for the proposed Scheme.
3. According to the decision of Cabinet Sub-Committee, a Technical Expert Committee has been constituted to go into various aspects for supply of safe potable water in a can of 20 liters for Rs.2.00 to be supplied to each household under the scheme "**NTR Sujala Pathakam**" vide G.O.2nd read above.
4. Based on the recommendations of the Technical Expert Committee, orders were issued framing the guidelines for implementation of "**NTR Sujala Pathakam**" in rural areas vide G.O. 3rd read above.
5. The Commissioner & Director of Municipal Administration, GoAP, Hyderabad in her letter 4th read above has submitted proposals for supply of safe potable water in a can of 20 liters for Rs.2.00 to be supplied to each household in the Urban Slum / Habitations areas under the banner of "**NTR Sujala Pathakam**" and requested the Government to issue necessary orders.
6. Government after careful examination of the matter and as per the deliberations recommended by the Technical Expert Committee hereby order that the Municipal Councils of all Urban Local Bodies of Andhra Pradesh to follow the guidelines as noted below:-
 - (a) To follow IS Standards of potable water IS-10500:2012;
 - (b) Treatment technologies: Committee recommended to go for RO (Reverse Osmosis) Technology if the TDS is more than 1000 mg per ltr in the water and all other parameters are within IS Standards. Also if water contains combination of TDS of more than 500 mg per ltr, fluoride more than 1 mg per ltr, Nitrate more than 45 mg per ltr and Iron more than 0.3 mg per ltr.;
 - (c) If Fluoride is more than 1 mg per ltr in the water and all other parameters are within IS Standards, the technology recommended is EDF (Electrolytic De-fluoridation) Technology;
 - (d) Terafil Technology is recommended if the iron is more than 0.3 mg per ltr and all other parameters are within IS standards;
 - (e) If Turbidity is more than 2 NTU in the water identified and all other parameters are within IS Standards, Ultra Filtration Technology is recommended along with Ultra Violet treatment;
 - (f) Disinfection shall be integral part of all the treatments;

[P.T.O.]

Implementation:

7. The Municipal Councils should identify the habitations/slum areas, where the water quality is an issue and to ensure that Municipal/Government buildings are available for installation of water treatment plants with power connection in the habitations/slum areas identified. Municipal Councils have to provide water for these treatment plants from the existing water source available in the Urban Local Bodies. The spirit of implementation of this programme is "not for profit but as service oriented". The Municipal Commissioners/Municipal Councils shall identify the potential donors, industrial houses, corporate houses, philanthropists and NGOs who would like to participate in this public service oriented programme. The tentative cost details of the plants and different technologies with varying capacities are given in the **Annexure-I**. The priority of safe drinking water to be provided as under:

Category-I : Slums where no drinking water distribution system exists;

Category-II: Slums where quality of drinking water is not fit for human consumption;

Category-III: Slums where water distribution system is available but no drinking water is supplied.

8. The Operation and Maintenance of these plants, once installed will be entrusted to active SHGs (Self Help Groups) / SLFs (Slum Level Federations) / TLFs (Town Level Federations) / NGOs as identified by the Municipal Councils on specific terms and conditions.

Implementation Schedule:

9. Since the Government have decided to launch the programme from 2nd October, 2014 and ULBs may cover in a phased manner, all the habitations/slum areas where there is deficiency of potable water as per the targets fixed in Annexure-II. The capacity and number of plants will be based on the population of the slum. Per capita supply is to be taken at 5 ltrs per person. The water will be supplied either in their 20 ltrs can or 10 / 12 ltrs can @ Rs.2/- per 20 Ltrs, as per the convenience of the slum dwellers / people. During first phase preference to be given to the slums, where buildings with electricity are available.

10. All the Commissioners of Urban Local Bodies in the State shall follow the guidelines scrupulously in coordination with the District Collector concerned, for doing the preparatory works for "**NTR Sujala Pathakam**" to be launched from 2nd October, 2014.

11. The Commissioner & Director of Municipal Administration, GoAP, Hyderabad shall take necessary action, accordingly.

12. This order is available on the internet and can be accessed at the address <http://www.goir.ap.gov.in>.

[BY ORDER AND IN THE NAME OF THE GOVERNOR OF ANDHRA PRADESH]

Dr. D.SAMBASIVA RAO
PRINCIPAL SECRETARY TO GOVERNMENT

To

The Commissioner & Director of Municipal Administration, GoAP, Hyderabad.

All the Commissioners of Urban Local Bodies in the State.

All the Mayors/Chairpersons of Urban Local Bodies in the State.

All the Regional Directors of Municipal Administration in the State.

Copy to:

The Engineer-in-Chief, Public Health, A.P., Hyderabad.

All the Superintending Engineers of PH&ME Department in the State.

All the District Collectors in the State.

The Technical Adviser, NTR Sujala Pathakam, Hermitage Complex, Hyderabad.

The PS.to Prl. Secretary. to CM (GA)

P.S. to M (MA&UD)

P.S. to M (I&CAD)

P.S. to M (PR, RWS & NREGS)

P.S.to Chief Secretary to Government.

P.S. to Prl. Secretary (MA&UD).

SC/SF

//Forwarded :: By Order//

SECTION OFFICER

Annexure-I to G.O.Ms.No.189, MA&UD (C) DEPARTMENT, Dt.16.09.2014

Tentative Cost of Water Treatment Plants for Estimate Purpose:

1) RO Plants:

- | | |
|-------------|---------------------|
| a) 1000 LPH | Rs.2.75 -3.00 Lakhs |
| b) 1500 LPH | .3.00 -3.50 Lakhs |
| c) 2000 LPH | Rs.3.50 -4.00 Lakhs |

The above rates include provision of raw water and treated water tanks, fixing, transportation and installation at the site.

2) EDF Plants:

- | | |
|-------------|---------------------|
| a) 500 LPH | Rs.1.50 -2.00 Lakhs |
| b) 1000 LPH | Rs.2.00 -2.50 Lakhs |
| c) 1500 LPH | Rs.2.50 -2.75 Lakhs |
| d) 2000 LPH | Rs.2.75 -3.00 Lakhs |

The above rates include provision of raw water and treated water tanks, fixing, transportation and installation at the site.

3) Terafil Plants:

- | | |
|-------------|--------------|
| a) 500 LPH | Rs.36,000-00 |
| b) 1000 LPH | Rs.63,000-00 |
| c) 1500 LPH | Rs.70,000-00 |
| d) 2000 LPH | Rs.80,000-00 |

4) Ultra Filtration / Gravity Filters Rs.1.50 - 2.00 Lakhs.

Dr. D.SAMBASIVA RAO
PRINCIPAL SECRETARY TO GOVERNMENT

Annexure-II to G.O.Ms.No.189, MA&UD (C) DEPARTMENT, Dt. 16.09.2014

Minimum Targets fixed to the ULBs for installation of water plants:

(Target in Nos.)

Sl. No.	Grade of the ULB	Target for 1st phase (2014-15)	Target for 2nd phase (2015-16)
1	Nagarapanchayats	2	2
2	Grade III Municipalities	3	3
3	Grade II Municipalities	4	4
4	Grade I Municipalities	5	5
5	Special Grade Municipalities	10	10
6	Selection Grade Municipalities	12	12
7	Other Corporations	25	25
8	Vijayawada Municipal Corporation	50	50
9	Greater Visakhapatnam Municipal Corporation	75	75

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